

## REMARKS

In the office action dated November 5, 2003, the specification was objected to due to terms which were not "clear, concise and exact" as required by 35 USC § 112. Specifically, certain sections of the specification describing general network and computing architectures improperly referred to figures which were not filed with the present application. These sections have been amended to remove any improper reference to the figures. Accordingly, Applicant respectfully requests that the objections to the specification be withdrawn.

In addition, the specification was objected to because the meaning of "jop" from the term "jop objects" was unclear. The term "jop objects" means Java opcode objects. Applicant respectfully submits that the meaning of "jop" is clear based on the context in which it is used in the specification. For example, at page 38, the specification states that "Bytecodes within the method are loaded into an in-memory form at 1435 (e.g., a linked list of jop objects, one per *java opcode* in the *bytecode*)" (emphasis added). Given this context, one of ordinary skill in the art would readily understand the meaning of the term "jop."

### ***35 U.S.C. § 102 Rejections***

Claims 1-10 were rejected under 35 U.S.C § 102(b) as being anticipated by Bradley et al., "JAZZ: An Efficient Compressed Format For Java Archive Files, November 1998." (hereinafter "JAZZ"). Applicants have cancelled claims 1-10 and

added new claims 11-19 which contain features that are neither disclosed nor suggested in JAZZ.

JAZZ describes a technique for compressing Java Archive files (.JAR files) in which redundant constant pool entries from classfiles are combined within a unified constant pool (see, e.g., Figure 1 and associate description). However, JAZZ does not disclose or suggest a system in which a portal server retrieves classfiles from an Internet site on behalf of a data processing device, analyzes and converts the classfiles to a unified programming object prior to transmission to the data processing device, as recited in Claim 11. As recited at page 33, lines 10-12, one example of a unified programming object is the "bundle" illustrated in Figure 10 of the present application.

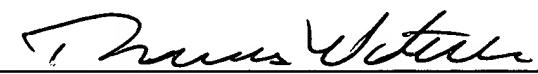
Moreover, because new claims 12-19 depend from claim 11 and include additional features, Applicant further submits that claims 12-19 are in condition for allowance.

## CONCLUSION

Applicant submits that all pending claims are allowable over the cited references. If there are any additional charges, please charge Deposit Account No. 02-2666. If a telephone interview would in any way expedite the prosecution of this application, the Examiner is invited to contact Thomas Webster at (408) 720-8300.

Respectfully submitted,  
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